

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7700	spin near (form or forming or form\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 13:38
L2	210	1 and mandrel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 13:38
L3	153	2 and (spac\$4 or gap)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 13:39
L4	58	3 and contour\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 13:35
L5	12	3 and (back or back adj up or backing) near plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 13:39
L6	4215	((228/112.1) or (29/894.32-894.325) or (72/82-85,69,94,356)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/11 13:38
L7	101	6 and spin near (form or forming or form\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 13:38
L8	61	7 and mandrel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 13:39

L9	46	8 and (spac\$4 or gap)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 13:39
L10	7	9 and (back or back adj up or backing) near plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 13:39

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## TC 1700 QAS Notes – May 2005

Roughly half of our OPQA errors are based on prior art **not** of record. The errors fall out evenly between 102s and 103s. For 103 rejections, QR generally starts with the art applied by the examiner and focuses their search for the missing element(s) which prompted the examiner to allow the claim.

### *Indicators that further searching may be prudent*

Claim Scope – d’oh! If it looks too broad, maybe it is too broad.

Art of Record – If the closest art of record isn’t all that close, maybe its not really the closest art available.

Search History – Flaws in the search strategy can be difficult to detect, but here are some things you can look for:

Art in Related Cases – Was the art cited in any related case, or any case relied upon in an ODP rejection, reviewed?

Class/subclass – Does the search include all the right classes and subclasses, including peripheral areas?

Databases – Were all the correct databases searched? USPAT and PGPUB for newer US documents; USOCR for older US documents; DERWENT, EPO, JPO for foreign documents. NPL for selected cases.

Text Search Strategy – Were multiple approaches tried? Was the search improperly limited by terms or elements not required by the broadest claim? Was it improperly limited to particular classes/subclasses? Was the search updated to include newly claimed features?

### *Resources to help you search*

TQAS’s:	Bob Warden	REM 6D49	272-1281
	Gregory Mills	REM 8A11	272-1439
	Kat Gorgos	REM 8A13	272-1012

RQAS’s:	Rob Hill	REM 10A41	272-1015
	Khahn Nguyen	REM 8B15	272-1036
	Anthony McFarlane	REM 8C11	272-1030
	Diana Dudash	REM 4D31	272-0523

EIC:	Kathleen Fuller	REM 4B28	272-2505
	Eric Linnell	REM 4B28	272-2514
	PLUS automated search –		

<http://uspto-a-pattr-1/siraapps/stic/npl/stic-requestpluscf.cfm>